

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010985.D
 Acq On : 20 Jun 2020 02:35
 Operator : CG/JU
 Sample : L3043-03DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20200615DL

Quant Time: Jun 20 06:18:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

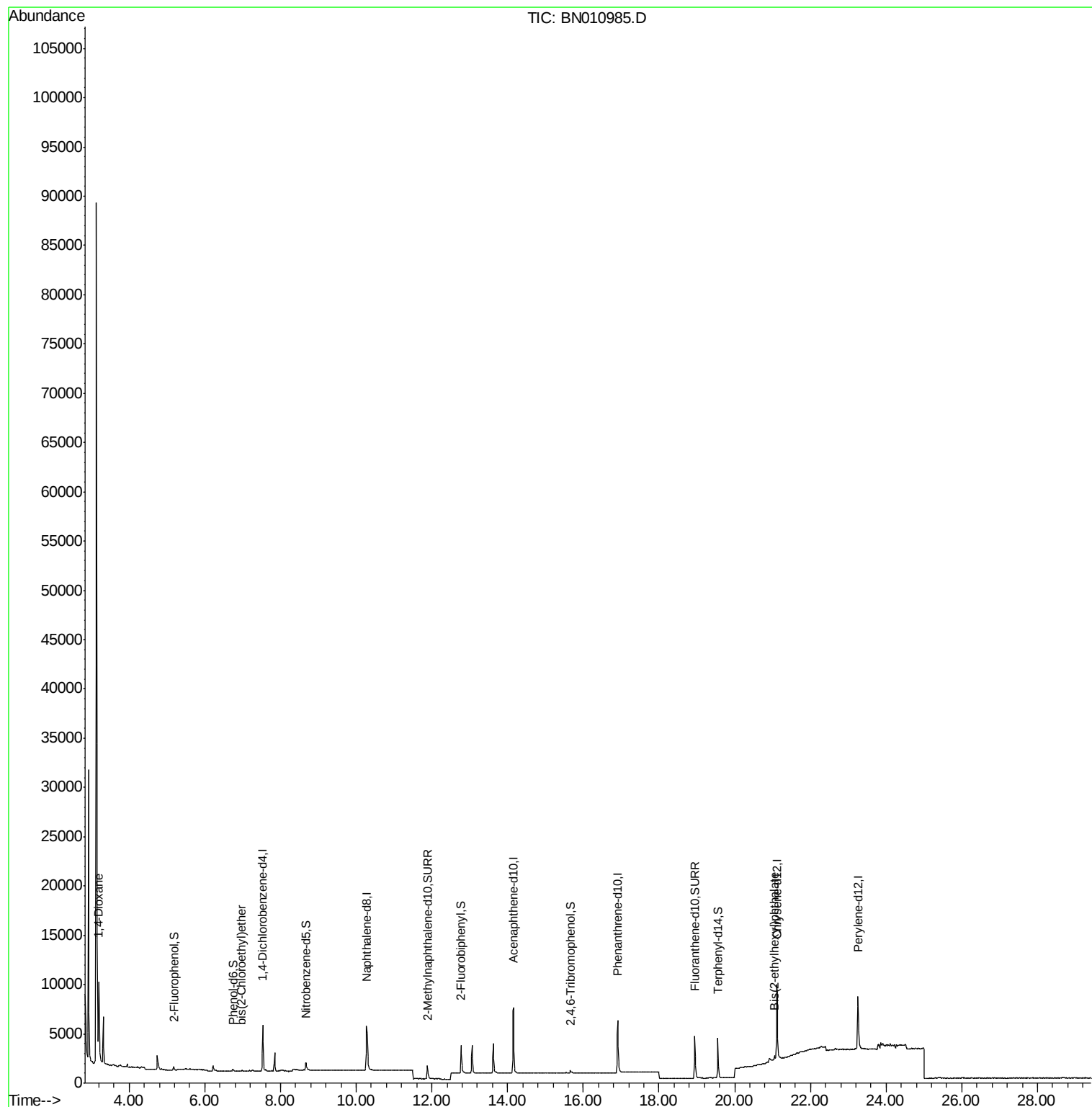
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2394	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7953	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4493	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9405	0.40	ng	0.01
27) Chrysene-d12	21.11	240	9113	0.40	ng	-0.01
34) Perylene-d12	23.26	264	7884	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	298	0.06	ng	0.00
5) Phenol-d6	6.74	99	207	0.04	ng	0.00
8) Nitrobenzene-d5	8.67	82	1097	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	2594	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	287	0.18	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	3150	0.18	ng	0.00
25) Fluoranthene-d10	18.95	212	6377	0.25	ng	0.00
29) Terphenyl-d14	19.56	244	4756	0.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	6367	2.715	ng	98
6) bis(2-Chloroethyl)ether	6.99	93	176	0.033	ng	91
32) Bis(2-ethylhexyl)phthalate	21.06	149	500	0.056	ng	# 92

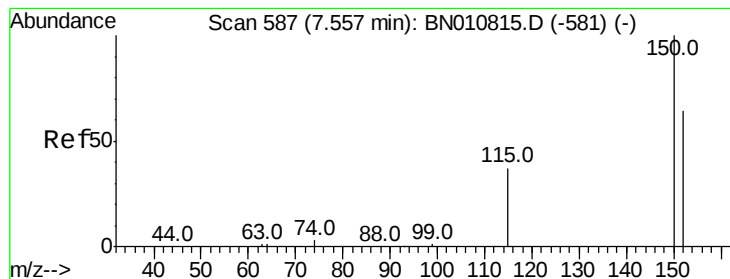
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.53 min Scan# 584

Delta R.T. -0.00 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615DL

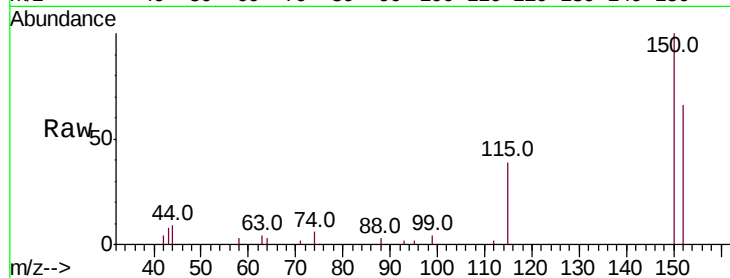
Tot Ion:152 Resp: 2394

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

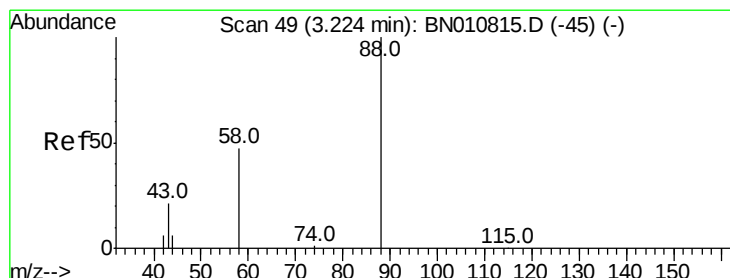
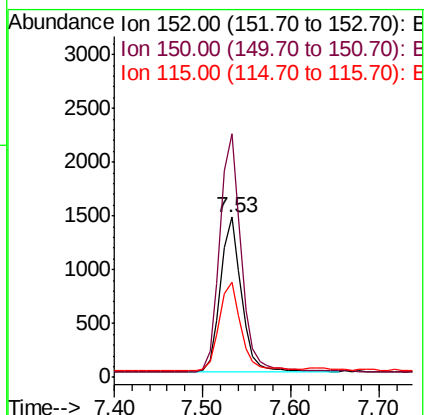
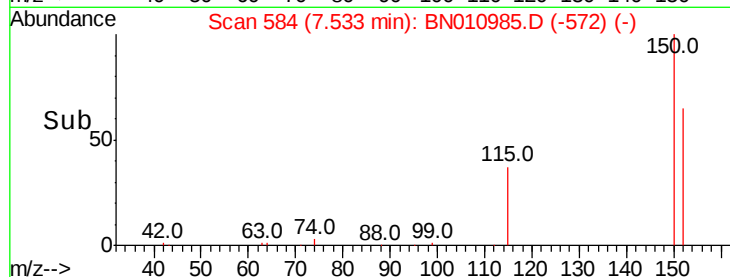
115 59.9 49.2 73.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.715 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

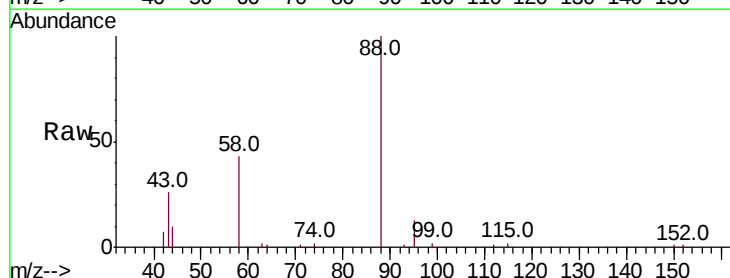
Tgt Ion: 88 Resp: 6367

Ion Ratio Lower Upper

88 100

58 46.4 38.2 57.4

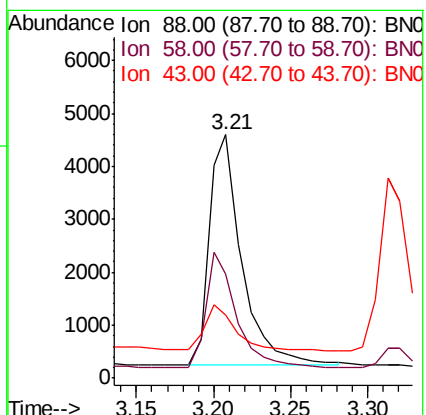
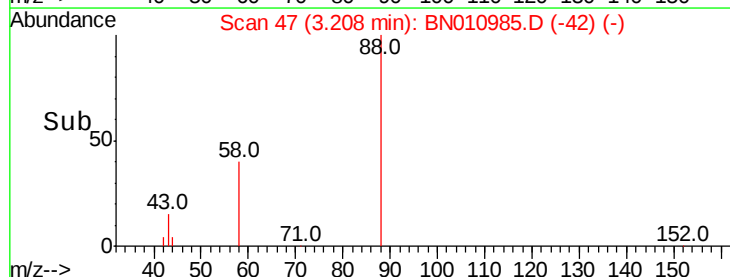
43 19.6 15.1 22.7

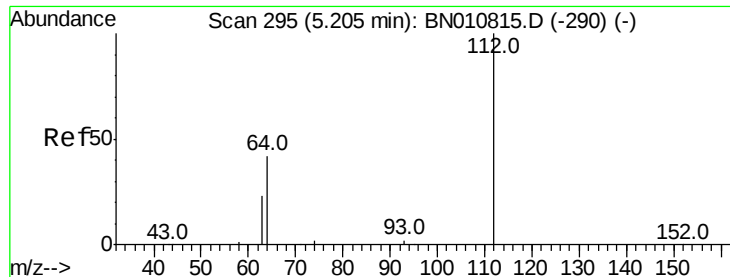


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.064 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615DL

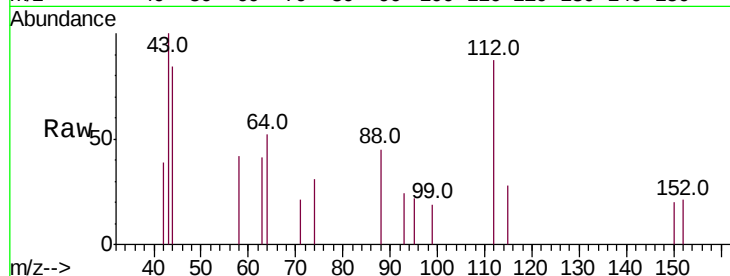
Tot Ion: 112 Resp: 298

Ion Ratio Lower Upper

112 100

64 45.3 37.4 56.0

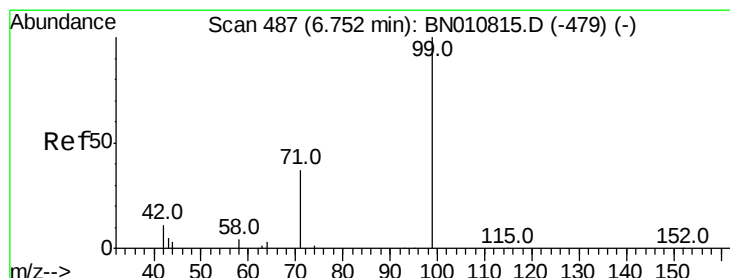
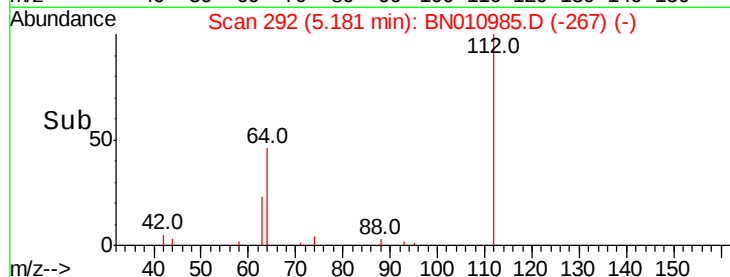
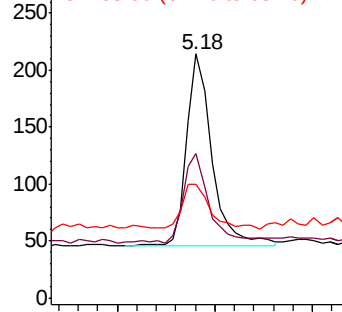
63 27.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.038 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

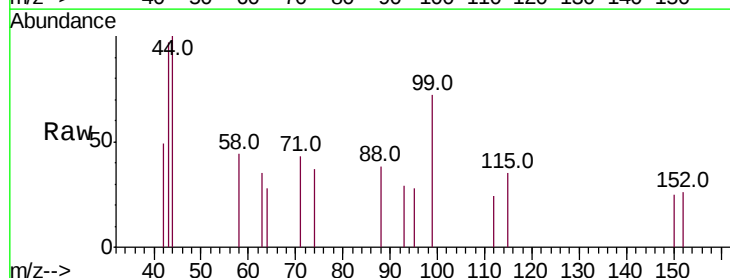
Tgt Ion: 99 Resp: 207

Ion Ratio Lower Upper

99 100

42 21.7 11.1 16.7#

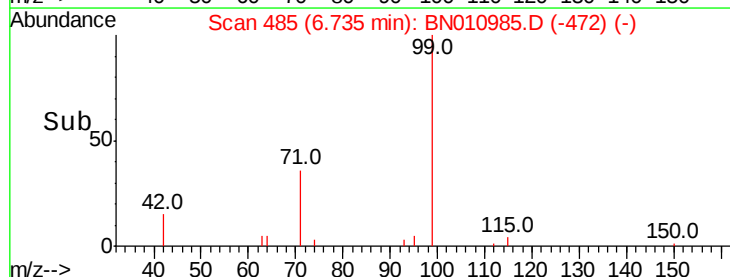
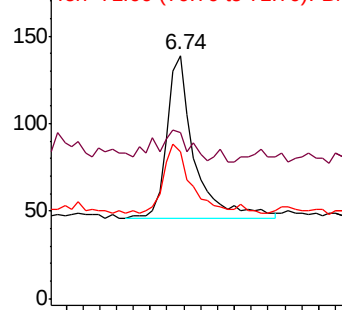
71 41.1 31.4 47.2

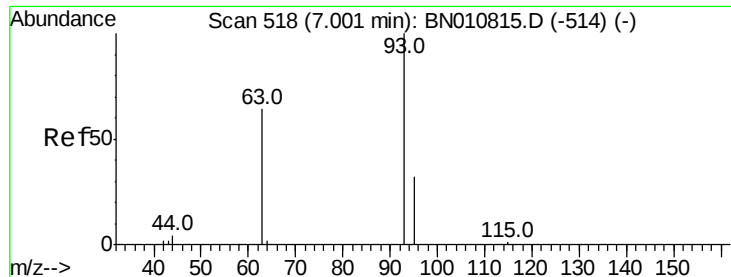


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.033 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.01 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615DL

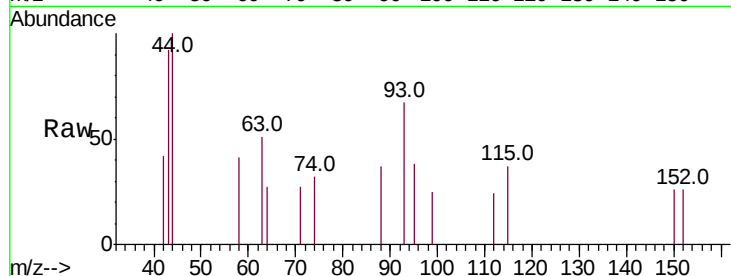
Tot Ion: 93 Resp: 176

Ion Ratio Lower Upper

93 100

63 72.2 49.4 74.2

95 33.5 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

6.99

150

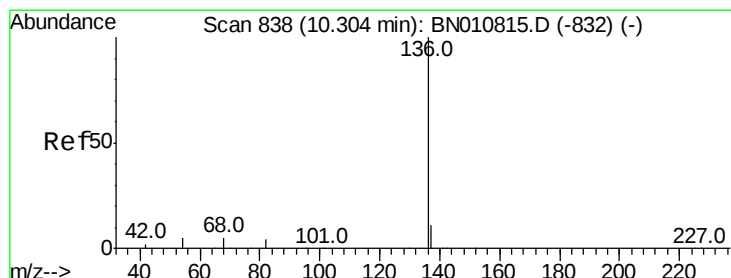
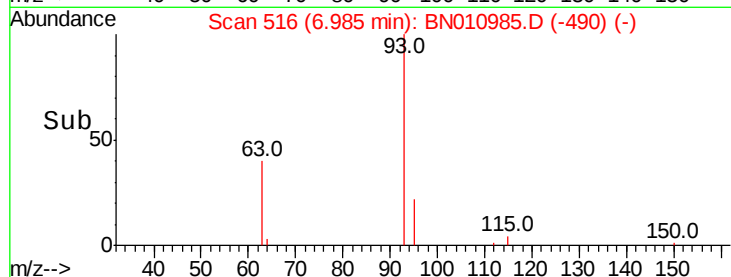
100

50

0

6.90 6.95 7.00 7.05

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Tgt Ion: 136 Resp: 7953

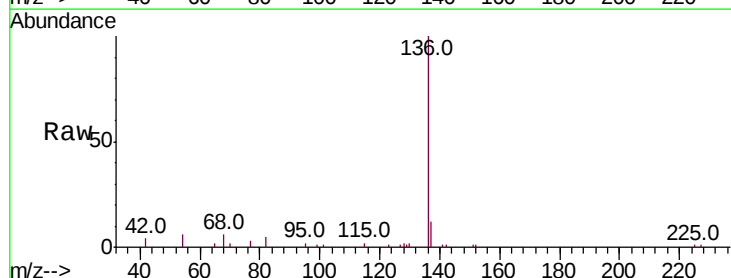
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.8 4.9 7.3

68 6.3 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

10.28

5000

4000

3000

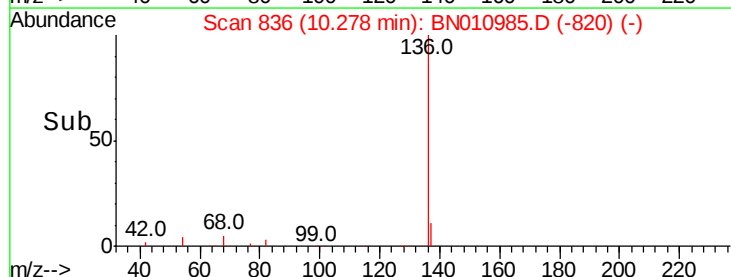
2000

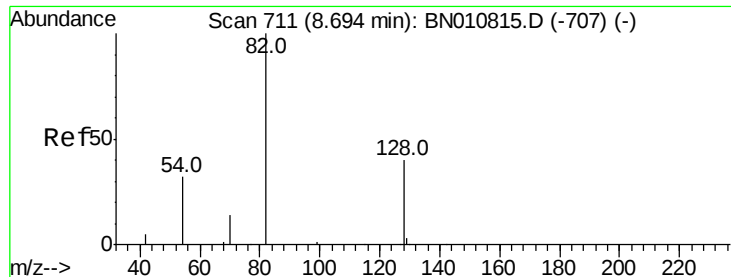
1000

0

10.20 10.25 10.30 10.35

Time-->

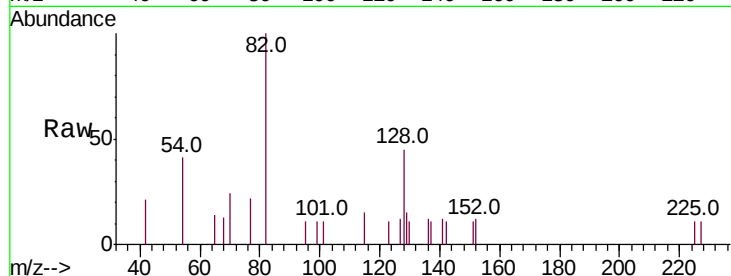




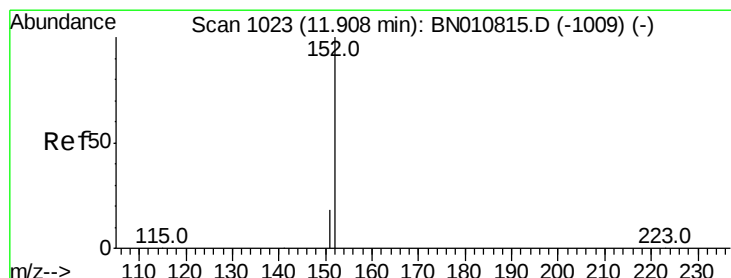
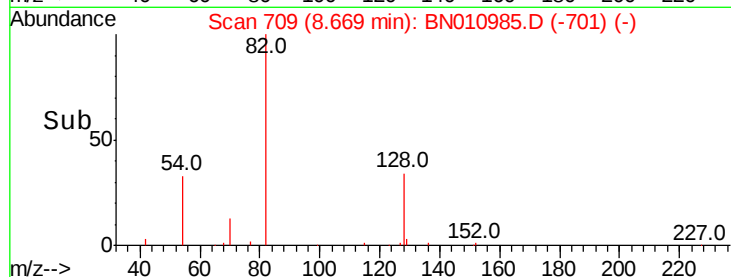
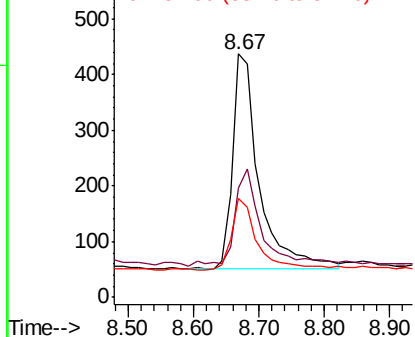
#8
 Nitrobenzene-d5
 Concen: 0.186 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010985.D
 Acq: 20 Jun 2020 02:35

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20200615DL

Tot Ion: 82 Resp: 1097
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.4 53.0
 54 40.7 28.2 42.4

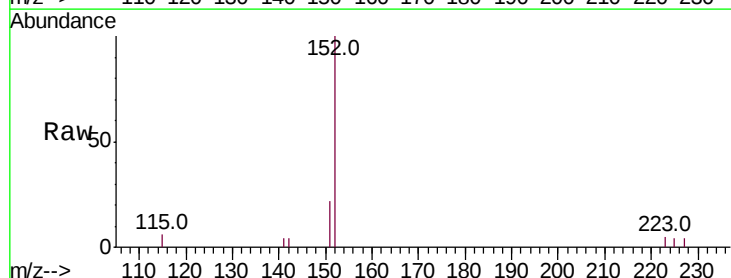


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

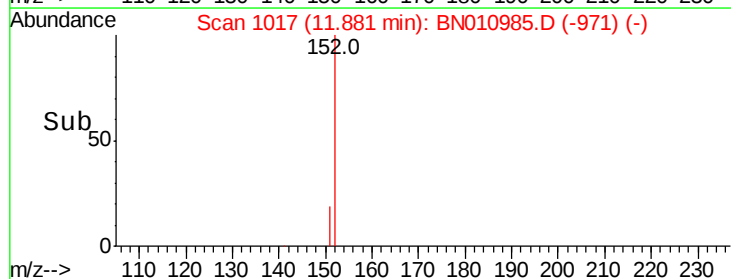
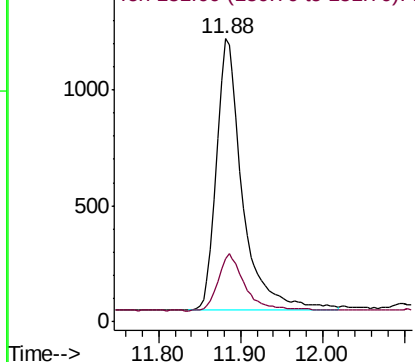


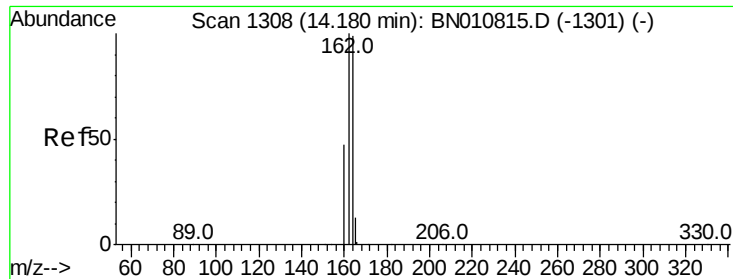
#11
 2-Methylnaphthalene-d10
 Concen: 0.210 ng
 RT: 11.88 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BN010985.D
 Acq: 20 Jun 2020 02:35

Tgt Ion: 152 Resp: 2594
 Ion Ratio Lower Upper
 152 100
 151 22.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615DL

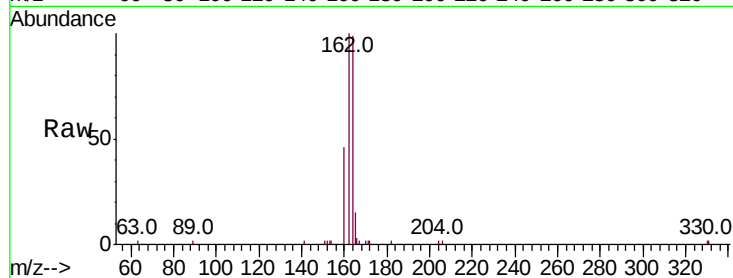
Tot Ion:164 Resp: 4493

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

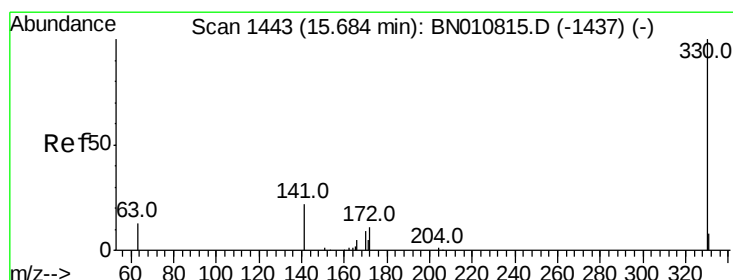
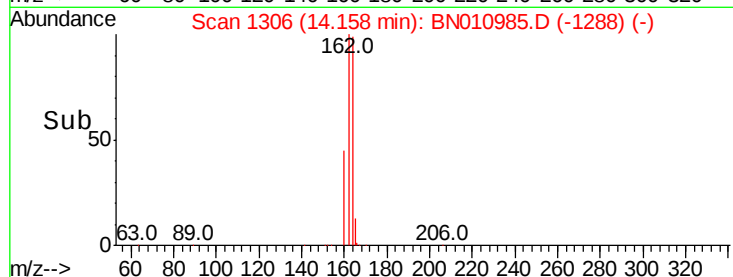
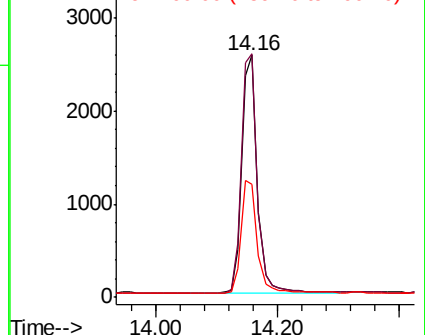
160 46.5 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.179 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

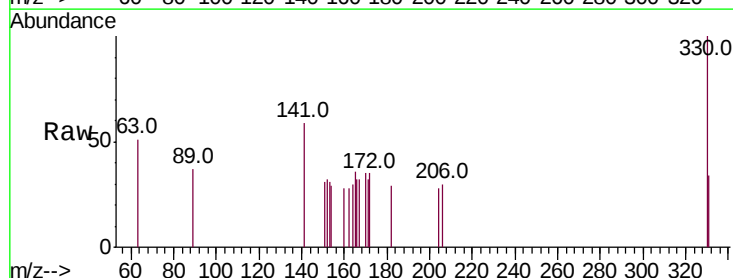
Tgt Ion:330 Resp: 287

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

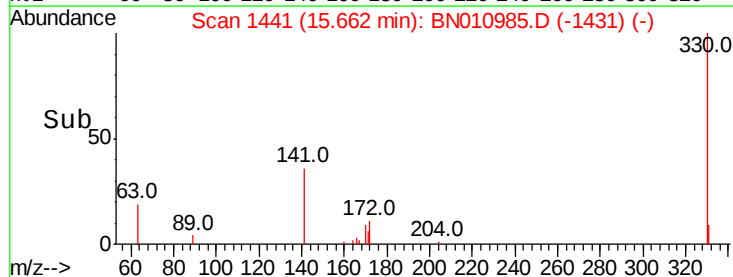
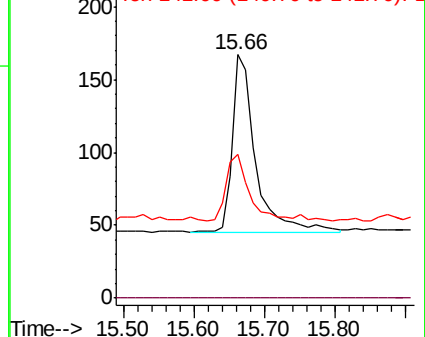
141 38.3 33.2 49.8

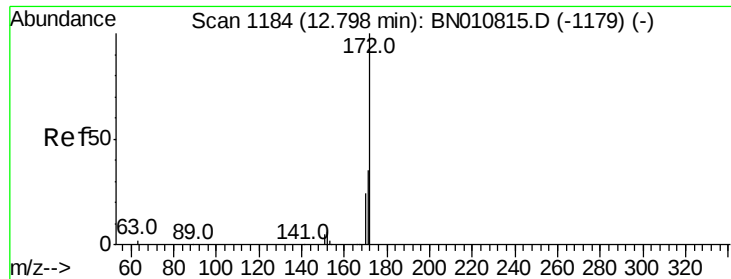


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

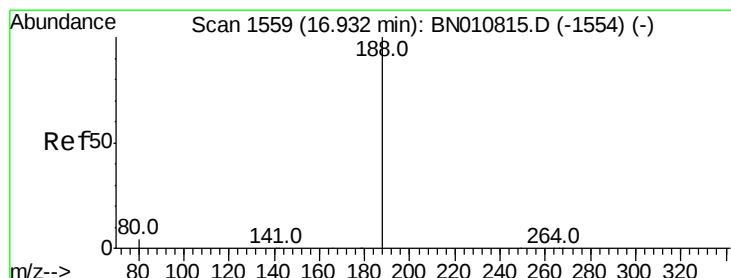
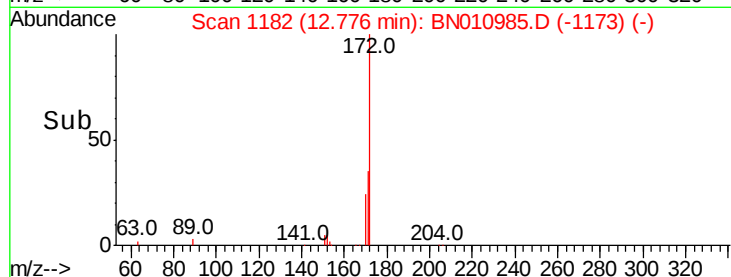
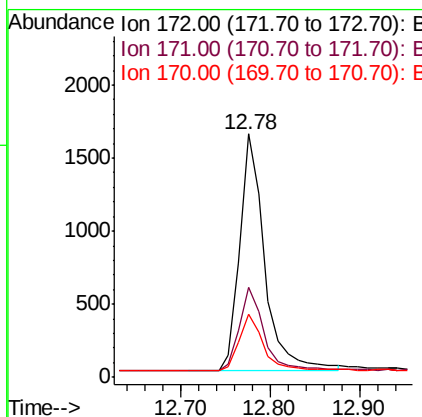
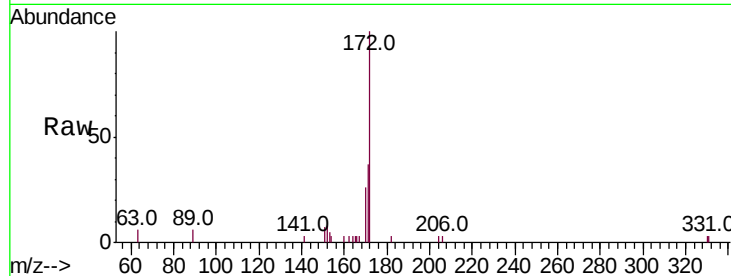




#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010985.D
Acq: 20 Jun 2020 02:35

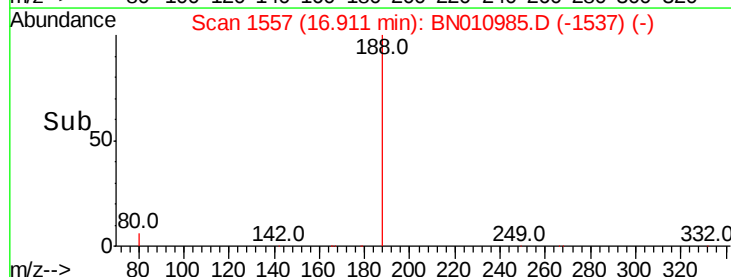
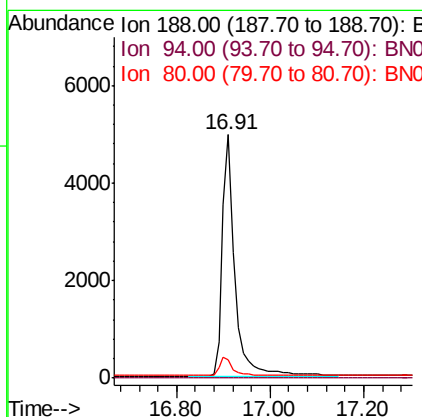
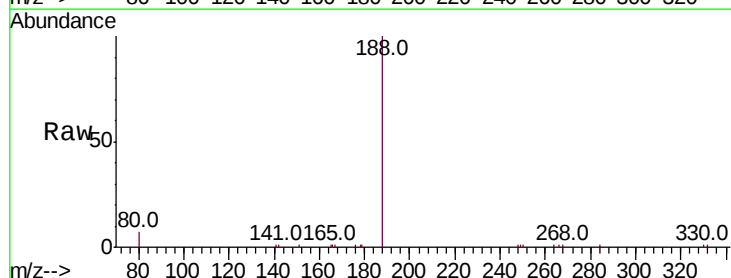
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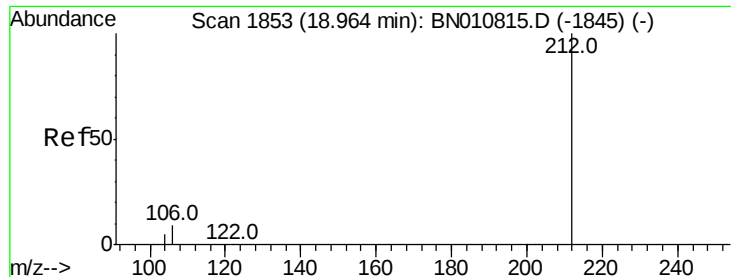
Tot Ion:172 Resp: 3150
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 25.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010985.D
Acq: 20 Jun 2020 02:35

Tgt Ion:188 Resp: 9405
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.246 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615DL

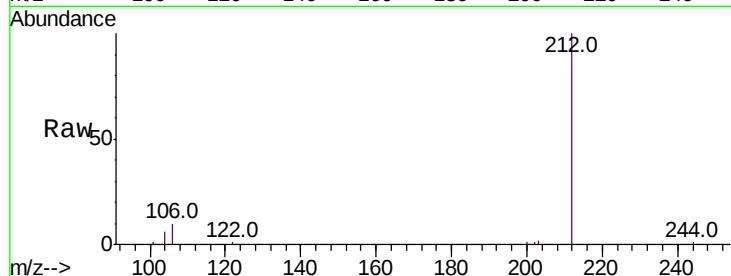
Tot Ion:212 Resp: 6377

Ion Ratio Lower Upper

212 100

106 9.0 6.6 10.0

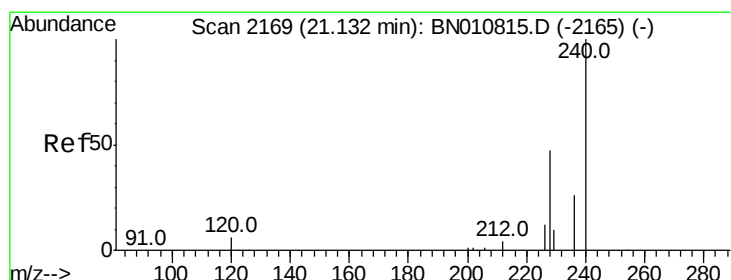
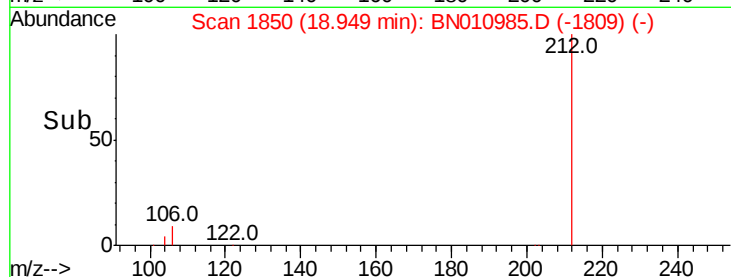
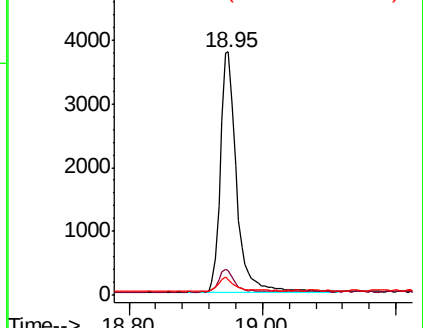
104 5.3 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

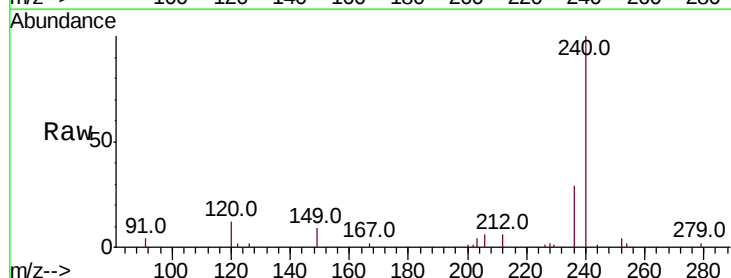
Tgt Ion:240 Resp: 9113

Ion Ratio Lower Upper

240 100

120 12.0 7.5 11.3#

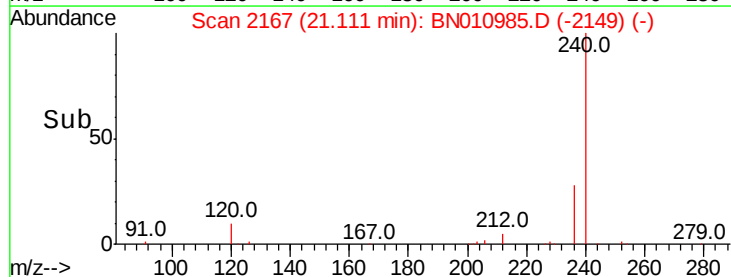
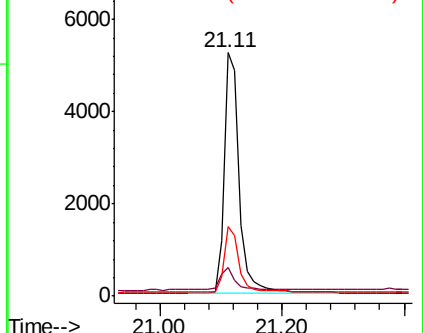
236 28.6 22.3 33.5

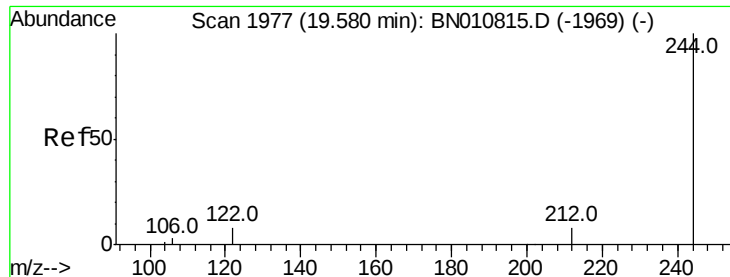


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.223 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615DL

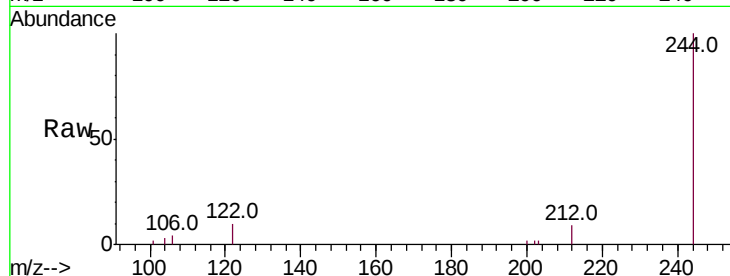
Tot Ion:244 Resp: 4756

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

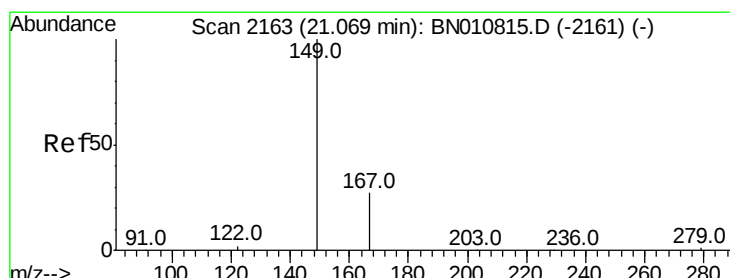
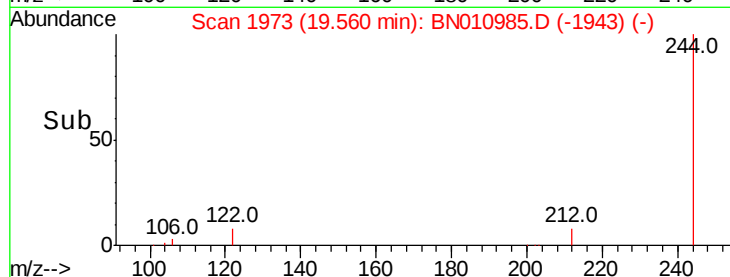
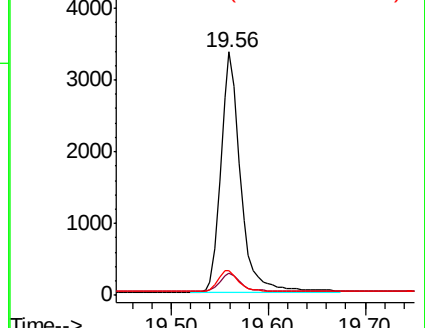
122 9.9 7.5 11.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

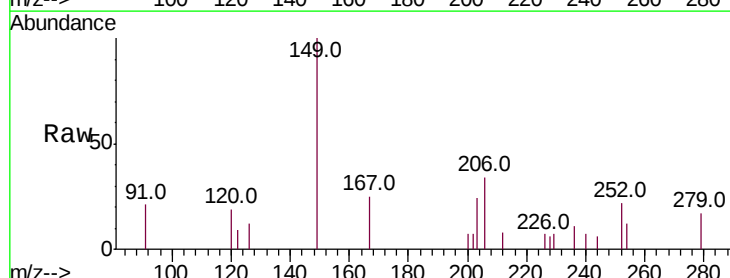
Tgt Ion:149 Resp: 500

Ion Ratio Lower Upper

149 100

167 25.4 24.1 36.1

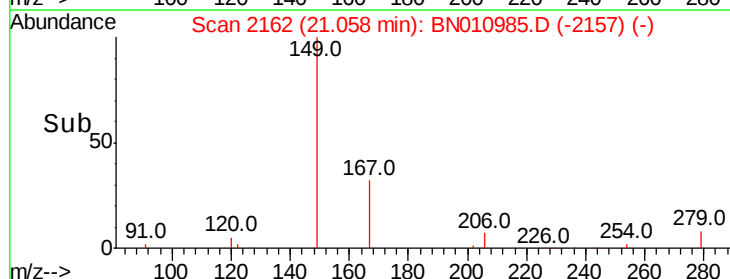
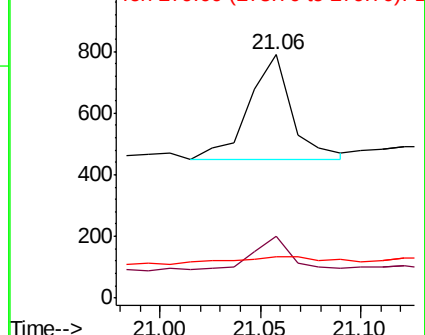
279 8.0 4.6 7.0#

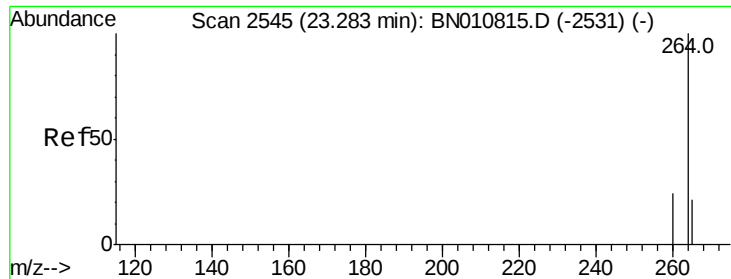


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010985.D

Acq: 20 Jun 2020 02:35

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615DL

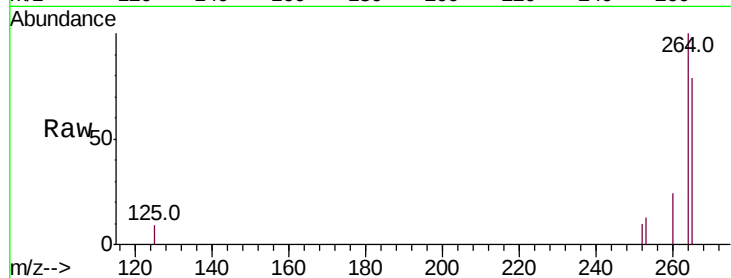
Tot Ion: 264 Resp: 7884

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 78.6 75.0 112.4



Abundance Ion 264.00 (263.70 to 264.70): E

5000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

